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Amendment
Serial No.09/989,251

Docket No.PHNL000655

IN THE CLAIMS:

1. (previously amended) A method of decompression of a compressed encoded SIF (source input format) video signal, the method comprising:
decoding (7) the compressed encoded SIF video signal to obtain a decoded video signal; and
post-processing the decoded video signal by temporal up-conversion (10) and, prior to said temporal up-conversion (10), spatial enhancement (9) including spatial edge enhancement carried out by peaking filtering on the basis of statistics of the pixels that are processed.
2. (original) A method as claimed in claim 1, wherein a spatial up-conversion (8) is conducted prior to said spatial enhancement (9).
3. (original) A method as claimed in claim 2, wherein said spatial up-conversion (8) comprises a vertical up-conversion (13) conducted prior to said spatial enhancement (9), a horizontal spatial up-conversion (14) being conducted after said temporal up-conversion (10) respectively.
4. (cancelled)
5. (cancelled)
6. (previously amended) A method as claimed in claim 1, wherein said peaking filtering is controlled by a spread of pixel values.
7. (previously amended) A decoder for decompression of a compressed encoded SIF (source input format) video signal, the decoder comprising:
decoding means (7) for decoding the compressed encoded SIF video signal to obtain a decoded signal; and

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means for post-processing the decoded signal, the means for post-processing comprising temporal up-conversion means (10) and spatial enhancement means (9) including spatial edge enhancement carried out by peaking filtering on the basis of statistics of the pixels that are processed, coupled in between said decoding means (7) and said temporal up-conversion means (10).

8. (original) A decoder as claimed in claim 7, the decoder further comprising means for spatial up-conversion (8) prior to said spatial enhancement means (9).

9. (original) A decoder as claimed in claim 8, wherein said spatial up-conversion means (8) comprises vertical up-conversion means (13) prior to said spatial enhancement means (9), the decoder further comprising horizontal spatial up-conversion means (14) after said temporal up-conversion means (10) respectively.

10. (original) A video recording or reproduction device comprising a decoder according to claim 7.